SOUTH PRODUCTION NOTES

December 18, 2013 Day Shift

BASF EMPLOYEES
164 Last Recordable
183 Last Lost Time

Building 16 (alumina gel) and building 9 have been deregulated

#1 MED Al-5637: Instructions provided on Monday to make 8 additional batches with recipe adjustments. Had issues with hardened material on Tuesday and the auger needed to be pulled for set-pin replacement. Extruder back to gether, but cannot find enough usable barrel pins. Work notification written to have maintenance manufacture new pins ASAP. When installed, should be able to begin the 8 batches.

#1 RC / Al-5637: Calciner ready.

Exhaust to Trimer

Midnight Shift: Re-assembled barrel and auger, need at least 4 extruder pins (work notification written).

Day shift:

Afternoon Shift:

#2 MED line/ D-0768: Restarted line, but having continued issues with extruder occasionally kicking out or changing speed on its own. Work notification written for electrician to look at VFD to make sure working properly. Continue hand-picking contaminated bagged material...feed calciner hopper when possible Midnight shift: Continue on, watch extruder and pulva speeds.

Day Shift:

Afternoon Shift:

#2 RC/ D-0768: Continue feeding fresh extruded/dried material as it is available. NOTE: per Bill Grodecki the middle screen on the screener was changed to a 6 mesh. Midnight shift: Continue feeding. Also, continue the hand picking of the contaminated bags. We are now on bag #3 of 5 to pick through. Keep people on this!

Day shift:

Afternoon Shift:

Exhaust to CTO

#3 MED line / D-1794 NAQ: Continue on. We are approaching batch #2780 (should be close to this batch by end of midnight shift Wednesday morning). Confirm with Bill Grodecki exactly which batch to stop at (there have been at least three batch numbers to stop at -2782, 2788, 2793).

Midnight shift: Continue running, and need to verify when to stop (check with Grodecki) and also verify if we have more Siral 30 on site or en route to the plant.

Day shift:

Afternoon Shift:

#3 RC / D-1794 NAQ: Continue on.

Exhaust to CTO

Midnight shift: Continue on

Day shift:

Afternoon Shift:

Abbe Blender / D-5206: Continue on, more 5202 was delivered

Midnight shift: Continue on

Day shift:

Afternoon Shift:

National Dryer / 5206: Continue to feed as batches come from the Abbe.

Midnight shift: Continue on

Day shift:

Afternoon Shift:

#4 RC / D-5206: Calciner down for maintenance work this week

Exhaust to 4 DC

Midnight shift: Down (see above)

Day shift: Contractor working on new tube packing on the calciner.

Afternoon Shift: Down

<u>HC-11 Tanks / Cu 5020:</u> Continue on. There is a pallet of Britesorb samples that were returned to the department (HC-11). At least one box contains 1 gallon (4 lb) pails. Per Noemi Trent, please add one of these to each strike batch in 4 tank.

Midnight shift: Continue with strikes

Day shift:

Afternoon Shift:

PK Blender / 4011: Started up. We are making a total of 19 batches.

Midnight shift: Operator advised that we reached batch 18, but cannot find any more Puralox to make the 19th batch. Confirm Puralox inventory (with Greg Hebb) and/or if 18 batches will be sufficient (with John Bodmann). Email sent to Greg and John early this morning.

Day shift:

Afternoon Shift:

#5 RC / 4011 next: Down until we can divert to Trimer. DC has new HEPA filter

installed

Exhaust to Trimer Midnight shift: Hold Day shift: Hold. Afternoon Shift: Hold

New Pfaudler / BE-0101: Need to use RO unit for batches...DI unit tanks are empty. Will need to go back to making 2 batches a shift, one shift a day when we get both kilns running.

Midnight shift: Continue with batches. Currently both kilns have total of 5 bags of feed.

Day shift:

Afternoon Shift:

Old Pfaudler D-0756: Continue on. Need to use RO unit for batches.

Midnght shift: Continue on. Confirm with John Bodmann when he would like to make the second batch using the "double batch bags". The first batch was made and fed through the dryer/calciner.

Day shift:

Afternoon Shift:

#6 - RC / D-0756: Continue to feed calciner and watch the feed rate. Need to use RO unit for batches.MAKE SURE THAT WE TAPE SHUT THE SAMPLE JARS. Maintain 250 lbs/hr.

Exhaust to Sly Scrubber Midnight shift: Continue on

Day Shift:

Afternoon Shift:

Tower 3 / Cu-0860: Running.Coming down on day shift Wednesday.

Tower 6 / Cu-0860: Continue on.

Midnight shift: Continue on...T-3 down day shift Wednesday; T-6 should be ready

midnight Day Shift:

Afternoon shift:

Harrop Kiln - Al-3921 T 3/16": Down...saggers will need to be changed to half

saggers in the near future for next product.

Midnight shift: Down Day shift: Down Afternoon Shift:

North Screener / Cu-0860: Continue/ Alcohol pump was replaced.

Midnight shift: Continue on ... approximately 9 totes to screen

Day shift:

Afternoon Shift:

South Screener / Cu-0860: Continue.

Midnight shift: Continue on ... approximately 9 totes to screen

Day shift:

AfternoonShift:

#2662 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.

#2664 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.

Midnight shift: No change Day shift: No change.

Afternoon Shift: No Change.

Tunnel Kiln #2 / BE-0101: Continue loading/unloading. ..1 scoop per sagger-12

pounds.

Midnight shift: Continue on ... 5 bags currently at kilns

Day shift:

Afternoon Shift:

Tunnel Kiln #4 / BE-0101: Continue loading/unloading. ..1 scoop per sagger-12

pounds.

Midnight shift: Continue on ... 5 bags currently at kilns

Day shift:

Afternoon Shift: